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Allen K. Murray

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Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

In re Application of:

ALLEN K. MURRAY

Serial No. 10/690,386

Filed: Oct. 20, 2003

For: **METHOD FOR MONITORING
TEXTILE FIBER QUALITY, ANALYSIS
AND IDENTIFICATION
OF PAPER, WOOD, GRAINS, FOODS
AND OTHER CELLULOSE CONTAINING
MATERIALS USING GLYCAN OLIGOMER
ANALYSIS**

Examiner: Monique T. Cole
Group Art

Unit: 1743

June 17, 2006

Irvine, California 92614

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AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

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Dear Sir or Madam:

In response to the Office Action mailed on April 4, 2006, kindly enter the
following corrections and replace the claims with the following:

30 2. Description of Related Art

[0003] In earlier applications the present inventor described his surprising discovery
that it is possible to extract a carbohydrate-containing fraction from properly prepared plant

material by a simple cold water process. Essentially, plant tissue is prepared by rapid freezing (preferably by use of liquid nitrogen or solid carbon dioxide) and is then lyophilized and stored at temperatures below freezing. This inventor has shown earlier that carbohydrate-containing cell wall fractions can be easily extracted from the lyophilized tissue by cold aqueous extraction; then, special techniques of High Pressure Liquid Chromatography (HPLC) allow resolution of the aqueous extract into constituent mono and polysaccharides which can be further hydrolyzed to identify the constituent monosaccharides.

DELETE: Pressure ADD: Performance To Read: "High Performace Liquid Chromatography"